AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

. (currently amended): A recording position correction method for correcting position deviation in a sub-scanning direction crossing a main scanning direction of a recording position on a medium to be recorded, wherein an inkjet type recording apparatus performs recording on said medium to be recorded by ejecting ink from a plurality of nozzles while allowing a recording head, on which nozzle arrays comprising said plurality of nozzles provided in said sub-scanning direction are arranged in said main scanning direction, to perform scanning along at least one of forward and backward paths in said main scanning direction, comprising:

determining a position deviation caused by a tilt of the recording head, comprising:

an ejection step of ejecting said ink from said plurality of nozzles onto said medium to be recorded; and

a measurement step of measuring an amount of position deviation in said sub-scanning direction of an ink dot recorded; and

correcting the position deviation caused by a tilt of the recording head, comprising: a correction step of previously shifting and correcting a recording position of an ink dot to be recorded on said material for each of said plurality of nozzles based on said measured amount of said position deviation;

wherein

said ink is ejected from at least one nozzle of each of two nozzle arrays most

distanced from each other in said main scanning direction among said plurality of nozzle

arrays in said ejection step, and

said recording position of said ink dot to be recorded on said material for each of

said plurality of nozzles is previously shifted and corrected based on an amount of

position deviation of an ink dot ejected and recorded from said nozzle of said two nozzle

arrays in said correction step.

2. (cancelled).

3. (currently amended): A recording position correction method as claimed in claim 2̶1,

wherein said ink is further ejected from a nozzle of a nozzle array among said plurality of nozzle

arrays except said two nozzle arrays in said ejection step, and

said recording position of said ink dot to be recorded on said material for each of said

plurality of nozzles is previously shifted and corrected based on an amount of position deviation

of an ink dot ejected and recorded from at least one nozzle of each of said two nozzle arrays and

at least one nozzle of said nozzle array except said two nozzle arrays in said correction step.

4. (original): A recording position correction method as claimed in claim 1, wherein said

ink is ejected from said plurality of nozzles in order that a color of said ink from each of said

nozzle arrays is different from one another in said ejection step, and

said recording position of said ink dot is previously shifted and corrected for each of said

colors in said correction step.

5. (original): A recording position correction method as claimed in claim 1, wherein said

ink is ejected while said recording head performs scanning along said forward and/or backward

path(s) in said main scanning direction in said ejection step, and

said recording position of said ink dot is previously shifted and corrected in said

correction step based on an intermediate value between an amount of position deviation of an ink

dot ejected and recorded in case said ink is ejected while said recording head performs scanning

along said forward path in said main scanning direction and an amount of position deviation of

an ink dot ejected and recorded in case said ink is ejected while said recording head performs

scanning along said backward path.

6. (original): A recording position correction method as claimed in claim 1, wherein said

ink is ejected while said recording head performs scanning along said forward and/or backward

path(s) in said main scanning direction in said ejection step, and

correction is performed in said correction step, wherein said recording position of an ink

dot to be recorded along said forward path in said main scanning direction is previously shifted

based on an amount of position deviation in case said recording head performs scanning along

said forward path in said main scanning direction and

said recording position of an ink dot to be recorded along said backward path in said

main scanning direction is previously shifted based on an amount of position deviation in case

said recording head performs scanning along said backward path in said main scanning direction.

7. (original): A recording position correction method as claimed in claim 1, wherein said

ink is ejected from at least one nozzle of each of two nozzle arrays which eject said ink of two

colors respectively among said plurality of nozzle arrays as priority is given to a color of which

density is highest in said ejection step, and

said recording position of said ink dot to be recorded on said material for each of said

plurality of nozzles is previously shifted and corrected based on an amount of position deviation

of an ink dot ejected and recorded from said nozzle of said two nozzle arrays in said correction

step.

8. (currently amended): An inkjet type recording apparatus for performing recording on

said medium to be recorded by ejecting ink from a plurality of nozzles, to perform scanning

along at least one of forward and backward paths in said main scanning direction, comprising

a recording head on which nozzle arrays comprising the plurality of nozzles provided in a

sub-scanning direction are arranged in a main scanning direction, wherein the ink is ejected from

at least one nozzle of each of two nozzle arrays most distanced from each other in the main

scanning direction among the plurality of nozzle arrays;

a correcting unit for previously shifting and correcting a recording position of an ink dot

to be recorded on said material for each of said plurality of nozzles based on an amount of

position deviation <u>caused by a tilt of the recording head</u> in a sub-scanning direction crossing said

main scanning direction of an ink dot ejected and recorded from said nozzle of each of said two

nozzle arrays most distanced from each other in the main scanning direction.

9. (currently amended): A computer program for correcting position deviation <u>caused by</u>

<u>a tilt of a recording head</u> of an ink dot ejected and recorded from a plurality of nozzles in a sub-

scanning direction crossing a main scanning direction, wherein an inkjet type recording

apparatus allows a recording head, on which nozzle arrays comprising said plurality of nozzles

provided in said sub-scanning direction are arranged in said main scanning direction, to perform

scanning along at least one of forward and backward paths in said main scanning direction, while

performing recording on a medium to be recorded by ejecting ink from at least one nozzle of

each of two nozzles arrays most distanced from each other in said main scanning direction

among said plurality of nozzle arrays, comprising:

a correction function of previously shifting and correcting a recording position of an ink

dot to be recorded on said material for each of said plurality of nozzles based on an amount of

position deviation<u>, caused by the tilt of the recording head,</u> of an ink dot ejected and recorded

from said nozzle of said two nozzles arrays most distanced from each other in said main

scanning direction, in said sub-scanning direction crossing said main scanning direction.

10. (new): A recording position correction method as·claimed in claim 1, wherein:

said measurement step comprises:

a first step for measuring a distance between an ink dot ejected from a first nozzle

array and an ink dot ejected from a second nozzle array; and

a second step for determining a position deviation based on the measured

distance.

11. (new): A recording position correction method as claimed in claim 1, wherein:

said correction step corrects recording timings of each of the nozzles based on the

position deviation, said recording timing defining a timing at which the nozzle ejects the ink.